REMARKS

Applicant has added new claims 9-21. Support for the new claims can be found throughout the specification as originally filed. Specifically, support for amplification of RNA or DNA as recited in new claim 9 can be found at least at page 6, lines 4-9 and line 16 of the specification. Support for DNA selected from whole cDNA, partial cDNA, modified cDNA, chromosomal DNA, naturally occurring DNA, and synthetic DNA as recited in new claim 10 can be found at least at page 6, lines 4-9 of the specification. Support for RNA selected from mRNA, naturally occurring mRNA, and synthetic mRNA as recited in new claim 11 can be found at least at page 6, lines 4-9 of the specification. In new claim 12, support for PCR can be found at least at page 24, line 9 of the specification; support for isothermal self-sustained sequence replication can be found at least at page 24, lines 10 and 25 of the specification; support for DNA ligase amplification can be found at least at page 24, line 13 of the specification; support for nucleic acid sequence-based amplification can be found at least at page 25, line 26 of the specification; and support for strand-displacement amplification can be found at least at page 25, lines 27-28 of the specification. Support for PCR as recited in new claim 13 can be found at least at page 24, line 9 of the specification. Support for 10, 20 or 30 amplification cycles, as recited in new claims 14, 15 and 16, respectively, can be found at least at page 28, lines 13-15 of the specification. Support for polony (defined as amplified copies of a nucleic acid molecule present at the same physical location on an array) as recited in claim 17 can be found at least at page 3, lines 20-23 and at page 10, lines 14-18 of the specification. Support for forming an amplified feature as recited in claim 18 can be found at least at page 29, lines 4-7 of the specification. Support for altering size of an amplified feature by having polyacrylamide in a support as recited in claim 19 can be found at least at page 29, lines 3-7 of

the specification. Support for adjusting the percentage of polyacrylamide as recited in claim 20 can be found at least at page 29, lines 3-7 of the specification. Support for determining amplified feature size by fluorescence as recited in claim 21 can be found at least at page 29, lines 7-10 of the specification.

The new claims presented herein add no new matter. Applicant respectfully requests their entry.

RESTRICTION

At page 2 of the instant Office Action, the Examiner has required restriction among four groups of inventions, namely claim 1, drawn to a method of producing an array using protein expression from a nucleic acid array (Group I), classified in Class 435, subclass 6; claim 2, drawn to a method of producing an array of proteins comprising in situ amplification from a nucleic acid array (Group II), classified in Class 435, subclass 91.2; claims 3-7, drawn to a method of producing an array of proteins involving protein transfer from a nucleic acid array (Group III), classified in Class 435, subclass 69.1; and claim 8, drawn to a method of producing an array of proteins involving immobilizing proteins to a nucleic acid array (Group IV), classified in Class 4.5, subclass 287.2.

Applicant respectfully traverses the restriction requirement. Applicant believes that the subject matter of claims 1, 2, 3-7, and 8 is interrelated to the extent that a search and examination of the subject matter of those claims in the same application would not be overburdensome.

Notwithstanding, Applicant elects the invention of Group II, claim 2 for prosecution on the merits.

Respectfully submitted,

Dated: March 17, 2003

John P. Iwanicki, Reg. No. 34,628
BANNER & WITCOFF, LTD.
28 State Street, 28th Floor
Boston, MA 02109
(617) 720-9600